## PATENT COUPERATION I REALT

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

| Applicant's or agent's file reference  | FOR FURTHER ACTION  | as well a                    | see Form PCT/ISA/220<br>as, where applicable, item 5 below.                                      |
|--|---|------------------------------|--|
| IP/P7195/WOD International application No.   | International filing date (day/mont   | h/year)                      | (Earliest) Priority Date (day/month/year)  |
| PCT/GB2004/001153  | 18/03/2004  |                              | 22/03/2003   |
| Applicant  |   | _                            |  |
| QINETIQ LIMITED  |   |                              |  |
| This International Search Report has been according to Article 18. A copy is being tra | ansmitted to the international bares  | · <b>-</b> ·                 | ority and is transmitted to the applicant  |
| This International Search Report consists  It is also accompanied by                   | of a total of 5 sl<br>a copy of each prior art document                         | neets.<br>cited in this      | report.  |
| language in which it was filed, un   | liess otherwise indicated under una   |                              | sis of the international application in the  |
| The international this Authority (Ru   | search was carried out on the basiule 23.1(b)).                                 | s of a transl                | ation of the international application furnished to  |
| b. With regard to any nucle  | eotide and/or amino acid sequenc  | e disclosed                  | in the International application, see Box No. 1.   |
|  | und unsearchable (See Box II).  |                              |  |
| 3. Unity of invention is lac   | cking (see Box III).  |                              |  |
| 4. With regard to the title,   | uhmitted by the applicant   |                              |  |
|  | submitted by the applicant.<br>Ished by this Authority to read as fo            | llows:                       |  |
| X the text has been estable MILLIMETER-WAVE IMAG                                       |   |                              | e per en   |
|  |   |                              |  |
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| 5. With regard to the abstract,  |   |                              |  |
| x the text is approved as  | submitted by the applicant.   |                              | dh, as the second to the while the The second  |
| the text has been estab<br>may, within one month                                       | ilished, according to Rule 38.2(b), b<br>from the date of mailing of this inter | y this Autho<br>national sea | ority as it appears in Box No. IV. The applicant arch report, submit comments to this Authority. |
| 6. With regards to the <b>drawings</b> ,   | a nublished with the abetract is Fice   | re No. 2                     |  |
| a. the figure of the <b>drawings</b> to be as suggested by                             |   | <u></u>                      |  |
|  | by the applicant<br>this Authority, because the applicar                        | nt failed to s               | uggest a figure.   |
| as selected by   | this Authority, because this figure b   | etter charac                 | terizes the invention.   |
| · — —  | be published with the abstract.   |                              |  |

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G02B26/08 G01S3/789

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G02B G01S IPC 7

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data, PAJ

|            | ENTS CONSIDERED TO BE RELEVANT  Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|------------|--|-----------------------|
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| X          | APPLEBY R ET AL: "Compact real-time (video rate) passive millimeter-wave imager" PROC. SPIE - INT. SOC. OPT. ENG. (USA), PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, 1999, SPIE-INT. SOC. OPT. ENG, USA, vol. 3703, 1 April 1999 (1999-04-01), pages 13-19, XPO02289764   | 1-3,5,6,              |
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| Further documents are listed in the continuation of box C.  | Patent family members are listed in annex.  |
|---|---|
| Special categories of cited documents:  'A' document defining the general state of the art which is not considered to be of particular relevance  'E' earlier document but published on or after the international filing date  'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  'O' document referring to an oral disclosure, use, exhibition or other means  'P' document published prior to the international filing date but later than the priority date claimed | <ul> <li>*T* later document published after the international fiting date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>*&amp;* document member of the same patent family</li> </ul> |
| Date of the actual completion of the international search 23 July 2004  | Date of mailing of the international search report  10/08/2004  |
| Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NI – 2280 HV Bliswilk  | Authorized officer  |
| Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,<br>Fax: (+31-70) 340-3016  | Casse, M  |

| ategory ° | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim | No. |
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